NOVEMBER 21, 2012

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTIONS

STORMWATER & GIS SERVICES DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF DURHAM, NORTH CAROLINA

CONTRACT SD-2012-04



SHEET NAME/PROJECT SITE
COVER SHEET
GENERAL AND PROJECT NOTES
PROJECT SITES MAP
NINTH STREET
WEST MAIN STREET @ NORTH GREGSON STREET
FERNWAY AVENUE @ LIGGETT STREET
EAST MAIN STREET @ ALSTON AVENUE
DURHAM RESCUE MISSION
2024 WEST MAIN STREET
PEACHTREE PLACE @ LIBERTY STREET
DURHAM MARRIOTT
FOSTER STREET
WEST TRINITY AVENUE @ NORTH DUKE STREET
DURHAM SCHOOL OF THE ARTS
URBAN AVENUE @ NORTH DUKE STREET
NORTH QUEEN STREET @ OTTAWA AVENUE
WATTS STREET @ GLORIA AVENUE





CITY OF DURHAM, NORTH CAROLINA
DEPARTMENT OF PUBLIC WORKS
STORMWATER & GIS SERVICES DIVISION
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DURHAM, NORTH CAROLINA 27701
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http://durhamnc.gov/ich/op/pwd/storm/Pages/Home.aspx

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### **GENERAL NOTES:**

- BASE MAP INFORMATION PROVIDED ON THESE DRAWINGS WAS DERIVED FROM CITY OF DURHAM GEOGRAPHIC INFORMATION SYSTEM UTILITY INVENTORIES AND INFORMATION. BASE MAP INFORMATION IS SCHEMATIC. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK ON ANY PROJECT SITE CONTRACTOR SHALL INFORM THE RESIDENT PROJECT REPRESENTATIVE OF ANY DISCREPANCY BETWEEN EXISTING CONDITIONS AND THESE DRAWINGS WHERE IT IS ANTICIPATED TO AFFECT THE WORK.
- LOGISTICS OF EACH PROJECT SITE SHALL BE DISCUSSED IN DETAIL BY THE PRIVATE PROPERTY OWNER, ENGINEER, RESIDENT PROJECT REPRESENTATIVE, AND CONTRACTOR AT INDIVIDUAL PRE-RECONSTRUCTION MEETINGS FOR EACH PROJECT SITE PRIOR TO ANY WORK.
- ALL CONTRACTORS, AT THE TIME OF BID, SHALL HAVE A VALID NORTH CAROLINA CONTRACTOR LICENSE AND UTILITY CONTRACTOR LICENSE. THESE LICENSES SHALL NOT EXPIRE DURING THE EXPECTED TIME OF
- CONTRACTOR SHALL MAINTAIN A COPY OF THE CONTRACT DOCUMENTS (INCLUDING DRAWINGS), PERMITS, AND PERMIT PROVISIONS ON THE ACTIVE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES AND SHALL COORDINATE ALL WORK WITH THE RESIDENT PROJECT REPRESENTATIVE AND UTILITY COMPANIES (SEE UTILITY LOCATION NOTES ON THIS SHEET). UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE
- UNDERGROUND AND ABOVE GROUND FACILITIES HAVE BEEN SHOWN PICTORIALLY ON THE DRAWINGS. HOWEVER, CONTRACTOR SHALL CONTACT THE APPROPRIATE LOCAL UTILITY COMPANIES TO FLAG EXISTING UNDERGROUND LINES PRIOR TO EXCAVATION.
- WHEN REQUIRED BY THE RESIDENT PROJECT REPRESENTATIVE, CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR INDIVIDUAL PROJECT SITES PRIOR TO COMMENCING WORK. PLAN SHALL CONFORM TO THE REQUIREMENTS OF THE RESIDENT PROJECT REPRESENTATIVE AND THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RULES AND REGULATIONS.
- CONTRACTOR SHALL PROTECT EXISTING LANDSCAPING. ALL DISTURBED EXISTING LANDSCAPED AREAS TO REMAIN SHALL BE RESTORED TO EXISTING ELEVATIONS, SEEDED, AND MULCHED AS APPROPRIATE. LANDSCAPING IS INCLUDED IN THIS CONTRACT AND ALL AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER.
- CONTRACTOR SHALL AVOID DAMAGING EXISTING PAVEMENT TO REMAIN. ALL EXISTING PAVEMENT TO REMAIN DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL REPLACE ALL REMOVED OR DAMAGED PAVEMENT TO REMAIN WITH SAME, INCLUDING MATERIAL, COLOR, AND TEXTURE. REPAIRED PAVEMENT SHALL BE REPLACED TO EXISTING PAVEMENT ELEVATIONS. CONTRACTOR SHALL NOT PROCEED WITH PAVING UNTIL ALL COMPACTION AND PROOFROLLING TESTS HAVE BEEN RECEIVED AND APPROVED BY THE RESIDENT PROJECT REPRESENTATIVE.
- CONTRACTOR SHALL NOT IMPEDE ACCESS TO EXISTING BUILDINGS OR AREAS AT THE PROJECT SITE WITHOUT THE APPROVAL OF THE PRIVATE PROPERTY OWNER AND THE RESIDENT PROJECT REPRESENTATIVE. IN AREAS WHERE ACCESS MAY BE RESTRICTED DUE TO THE WORK, THE CONTRACTOR SHALL COORDINATE WITH THE PRIVATE PROPERTY OWNER AND RESIDENT PROJECT REPRESENTATIVE A MINIMUM OF 72-HOURS IN ADVANCE OF A PROPOSED RESTRICTION OF ACCESS. CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES FOR USE WITHOUT INTERRUPTION.
- 12. ANY UTILITY SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE PRIVATE PROPERTY OWNER AND RESIDENT PROJECT REPRESENTATIVE A MINIMUM OF 15-DAYS IN ADVANCE OF THE PROPOSED INTERRUPTION.
- 13. CONTRACTOR SHALL PROVIDE A PRELIMINARY PROGRESS SCHEDULE PRIOR TO BEGINNING THE WORK, AND SHALL UPDATE SCHEDULE MONTHLY OR AS REQUIRED BY THE RESIDENT PROJECT REPRESENTATIVE. CONTRACTOR SHALL COORDINATE WITH THE RESIDENT PROJECT REPRESENTATIVE TO PRODUCE THE PROGRESS
- 14. NO SOILS INVESTIGATION HAS BEEN CONDUCTED FOR THE PROJECT SITES IN THIS CONTRACT.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DISCIPLINE AND TRADE COORDINATION.

### **UTILITY LOCATION NOTES:**

THE FOLLOWING UTILITY OWNERS ARE MEMBERS OF THE BELOW LISTED ASSOCIATION AND OPERATE UNDERGROUND UTILITIES IN DURHAM COUNTY.

UTILITY NAME AND ADDRESS

CAROLINA POWER & LIGHT CO .: P.O. BOX 1551, RALEIGH, NC 27602 GENERAL TELEPHONE CO. OF THE SOUTHEAST: P.O. BOX 611, DURHAM, NC 27702

CITY OF DURHAM: 101 CITY HALL PLAZA, DURHAM, NC 27701 DURHAM CABLE VISION: P.O. BOX 30002, DURHAM, NC 27701

PUBLIC SERVICE OF NORTH CAROLINA: P.O. BOX 1398, GASTONIA, NC 28052 DUKE POWER CO .: P.O. BOX 33189, CHARLOTTE, NC 28242 SOUTHERN BELL TELEPHONE CO.: ROOM 720, SOUTHERN NATIONAL BANK

BUILDING, CHARLOTTE, NC

900 FRANKLIN AVE., CHARLOTTE, NC 28206 AMERICAN TELEPHONE & TELEGRAPH COMMUNICATIONS:

AS PER ARTICLE 3 OF CHAPTER 87 OF THE NORTH CAROLINA GENERAL STATUTES, RECORD IS HEREBY MADE THAT THE ABOVE UTILITIES MAY BE NOTIFIED FOR THE PURPOSE OF LOCATING THEIR RESPECTIVE UNDERGROUND UTILITIES THROUGH THE ASSOCIATION KNOWN AS:

NORTH CAROLINA ONE-CALL CENTER PHONE: (800) 632-4949 OR 811 WEB SITE: WWW.NCOCC.ORG

CB

FW

RCP

SFHA

ABBREVIATION

THE ABOVE LISTING IS OF ASSOCIATION MEMBERS ONLY. THERE IS A POSSIBILITY THAT NON-MEMBER UTILITY OWNERS ALSO OPERATE IN THE AREA

### ABBREVIATIONS:

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS CATCH BASIN CORRUGATED METAL PIPE ELEVATION FND WALL FEDERAL EMERGENCY MANAGEMENT AGENCY FEMA

FLARED END SECTION FLOOD INSURANCE RATE MAP FIRM

GUY WIRE POUNDS LINEAR FEET MAX MAXIMUM

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES NORTH CAROLINA DEPARTMENT OF TRANSPORTATION NCDENR NCDOT

NORTH CAROLINA ONE-CALL CENTER NCOCC ON CENTER

POWER POLE

REINFORCED CONCRETE PIPE SPECIAL FLOOD HAZARD AREA STORM DRAINAGE

STORM DRAINAGE MANHOLE SDMH SS SANITARY SEWER SSMH SANITARY SEWER MANHOLE

SQUARE YARDS

TYPICAL

# CONTRACT SD-2012-04 **GENERAL AND PROJECT NOTES** MS4 INSPECTIONS SHEET NO. 2

STORMWATER & GIS SERVICES DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF DURHAM, NORTH CAROLINA

NOVEMBER 21, 2012

## **PROJECT NOTES:**

THE PRIORITY LIST OF PROJECT SITES IS AS FOLLOWS: DURHAM RESCUE MISSION, SHEET 8

NORTH QUEEN STREET ® OTTAWA AVENUE, SHEET 16 PEACHTREE PLACE ® LIBERTY STREET, SHEET 10 EAST MAIN STREET ® ALSTON AVENUE, SHEET 7

WEST MAIN STREET @ NORTH GREGSON STREET, SHEET 5

DURHAM SCHOOL OF THE ARTS, SHEET 14
WEST TRINITY AVENUE @ NORTH DUKE STREET, SHEET 13

URBAN AVENUE @ NORTH DUKE STREET, SHEET 15

FERNWAY AVENUE @ LIGGETT STREET, SHEET 6 DURHAM MARRIOTT, SHEET 11

FOSTER STREET, SHEET 12 WATTS STREET @ GLORIA AVENUE, SHEET 17

1.14. 2024 WEST MAIN STREET, SHEET 9

CONTRACTOR MAY REQUEST A CHANGE IN THE PRIORITY LIST OF PROJECT SITES. CONTRACTOR SHALL REQUEST A CHANGE IN THE PRIORITY LIST FROM THE RESIDENT PROJECT REPRESENTATIVE.





























